

**Notice of Allowability**

Application No.

09/311,254

Examiner

CESAR B PAULA

Applicant(s)

LEE ET AL.

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the corresponding address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/6/04.
2. ☒ The allowed claim(s) is/are 1-2, 5-6, 19, 22, 7-8, 11-12, 20, 23, 13-14, 17-18, 21, and 24, renumbered as 1-18.
3. ☒ The drawings filed on 13 May 1999 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                  | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                         | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____.            |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>8164</u> . | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                  |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material      | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|   | 9 <input type="checkbox"/> Other _____.   |

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The title has been amended as follows:

Please replace the entire title with the following: "SEGMENTING A DOCUMENT INTO REGIONS ASSOCIATED WITH A DATA TYPE, AND ASSIGNING PIPELINES TO PROCESS SUCH REGIONS".

2. Authorization for the following examiner's amendment was given in a telephonic conversation with Michael J. D'Aurelio, Reg.# 40,977 on 12/17/2004:

IN CLAIM 7,

PLEASE REPLACE "THE SELECTION INTERFACE" WITH "THE SELECTION MEANS" IN LINE 10.

IN CLAIM 13,

PLEASE DELETE "IN THE SELECTION INTERFACE" IN LINES 9-10.

*Reasons for Allowance*

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3. Regarding claims 1, 7, and 13, the examiner concurs with the applicants' statement that "Ulead merely discusses a processing system in which all of the regions of a particular document are processed. Ulead does not show or suggest the concept of processing only regions that comprise a selected data type. The post processing options described on page 165 in Ulead are automatically applied to the entire image or document without regard for any selected regions by a user. In this respect, Ulead teaches away from selecting the specific region types for processing given that the entire document is processed each time. In addition, given that Ulead teaches processing an entire document. Applicant asserts that Ulead teaches away from the combination with Mahoney which describes a searching function based upon document type." (page 7, line 10-page 8, line 8).

Furthermore, the subject matter discussed in claims 1-2, 5-8, 11-14, and 17-24 above are not shown nor would have been obvious to a person of ordinary skill in the art at the time of the invention was made in the prior art cited.

### ***Conclusion***

- I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Barthel et al. (Pat. # 6,731,800), and Sakai et al. (Pat. # 6,735,740).
- II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (571) 272-2148. The

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examiner can normally be reached on Monday through Friday (every other Friday off) from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (571) 272-4124. However, in such a case, please allow at least one business day.

Any response to this Action should be mailed to:


Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- (703) 703-872-9306, (for all Formal communications intended for entry)

  
CESAR B PAULA  
Primary Examiner  
Art Unit 2178

12/17/04